

IN THE ABSTRACT:

Please replace the Abstract with the following new Abstract:

A location system is disclosed for wireless telecommunication infrastructures. The system outputs requested locations of hand sets or mobile stations (MS) based on, e.g., AMPS, NAMPS, CDMA or TDMA communication standards. The system determines both local MS locations, and more global MS location requests via, e.g., Internet communication. The system uses a plurality of mobile station locating technologies, including those based on, e.g., (1) two-way TOA and TDOA; (2) home base stations and (3) distributed antenna provisioning. The system is useful for 911 emergency calls, tracking, routing, people and animal location including applications for confinement to and exclusion from certain areas. The system is particularly useful for estimating a location of an MS using information received from a commercial mobile radio service provider (CMRS) for which the MS is not registered for subscriber services.